

WAVELENGTH CONVERTER AND WAVELENGTH DIVISION
MULTIPLEXING TRANSMISSION METHOD USING SAME

Aso, et al.

Appl. No.: Unassigned Atty Docket: KAWAW34.001CP1

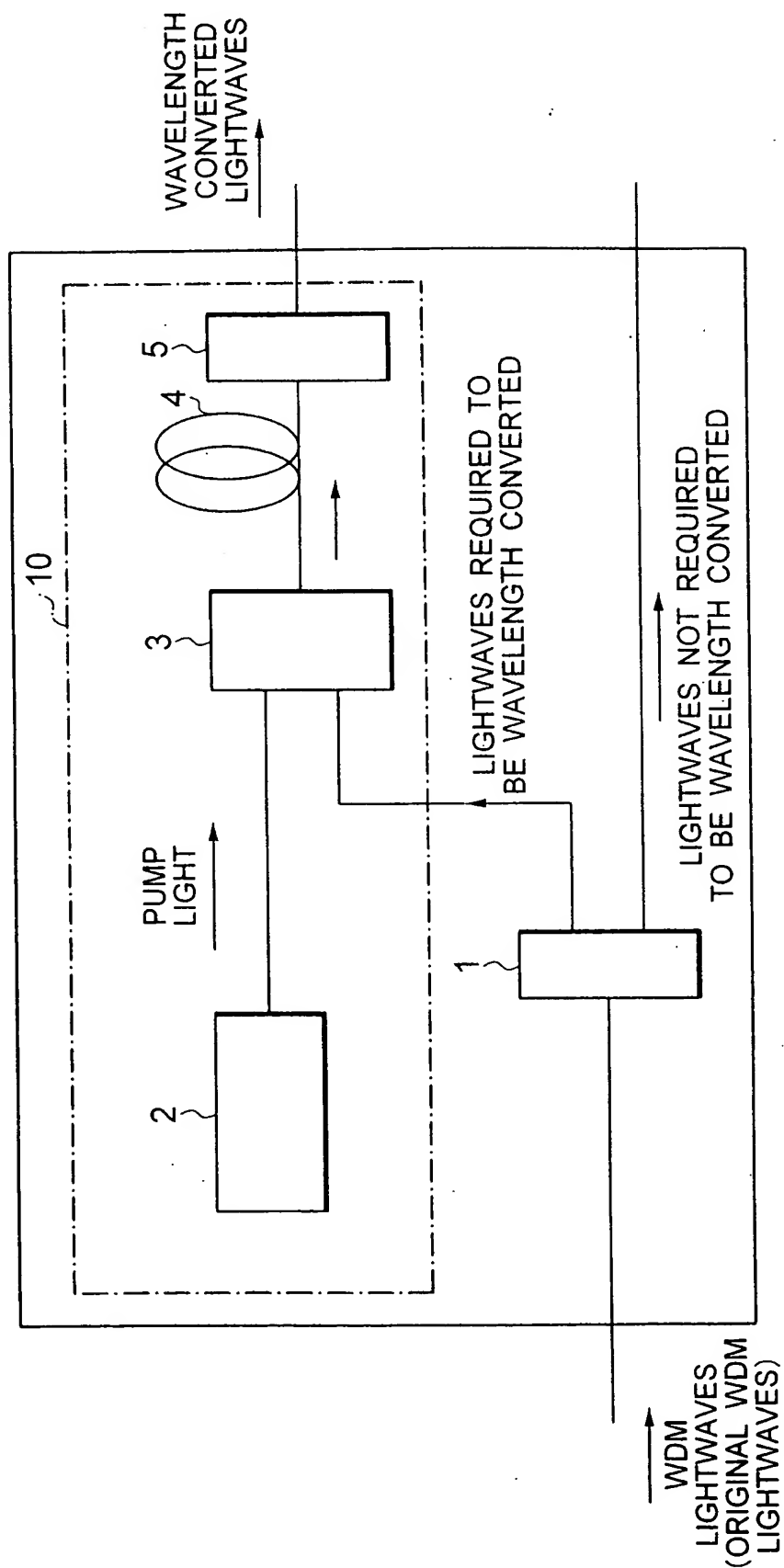


FIG. 1

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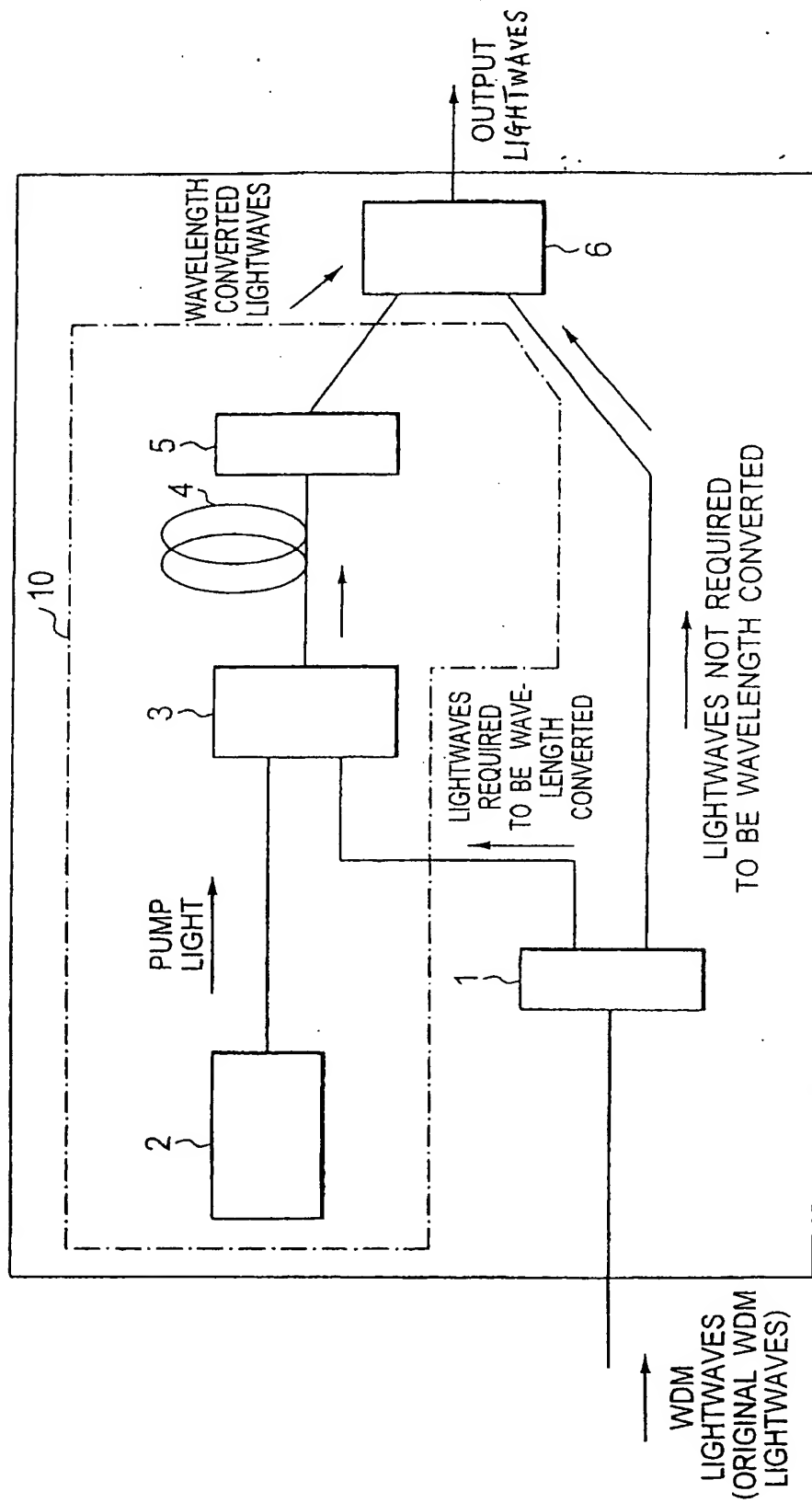


FIG. 2

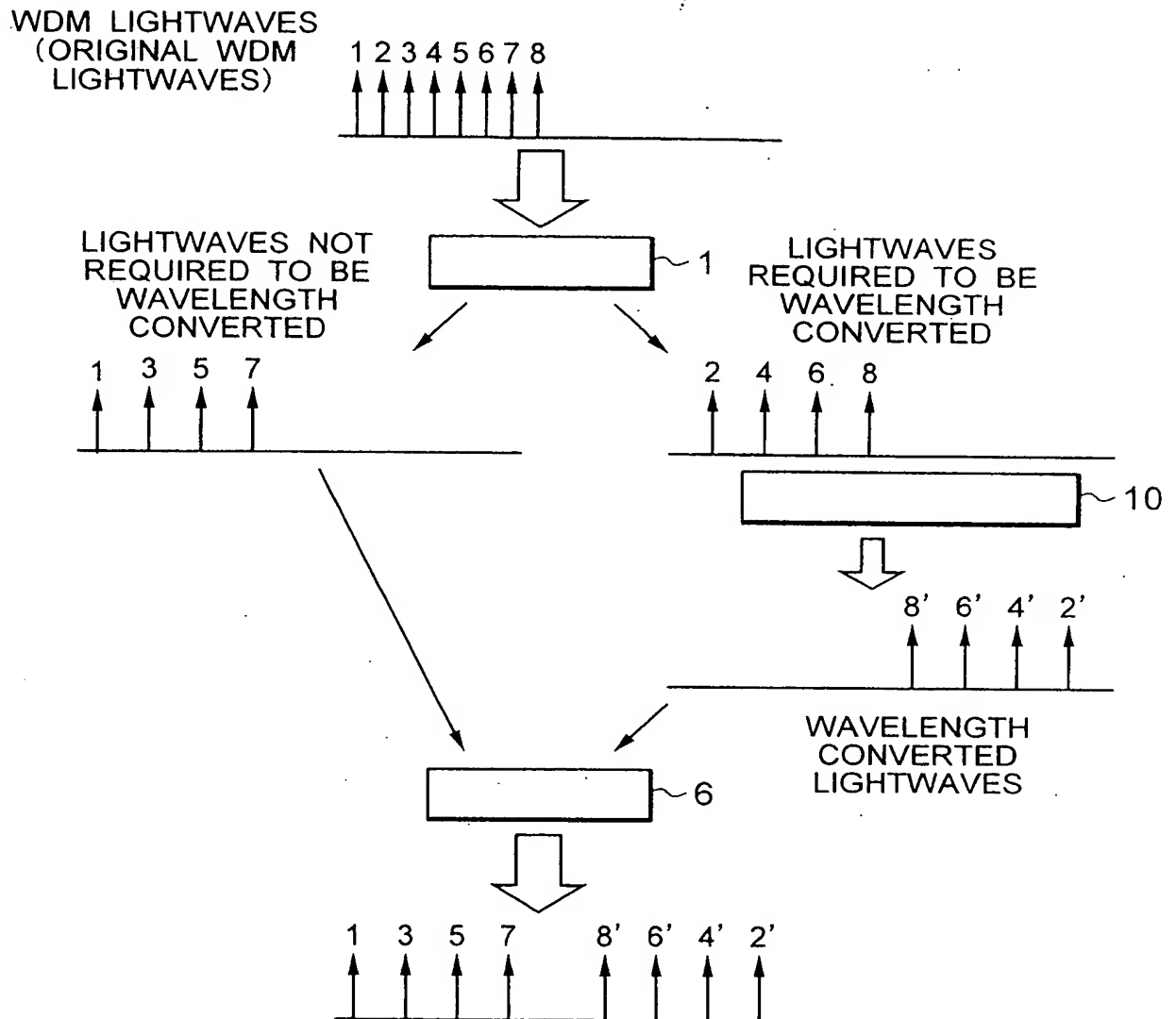


FIG. 3

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WDM LIGHTWAVES 1 (ORIGINAL WDM LIGHTWAVES)

WDM LIGHTWAVES 2

PUMP LIGHT

2

1

3

4

5

10

ANTI-REFLECTION COATED OUTPUT END

7

OUTPUT LIGHTWAVES

WAVELENGTH CONVERTED LIGHTWAVES

LIGHTWAVES NOT REQUIRED TO BE WAVELENGTH CONVERTED

LIGHTWAVES REQUIRED TO BE WAVELENGTH CONVERTED

FIG. 4

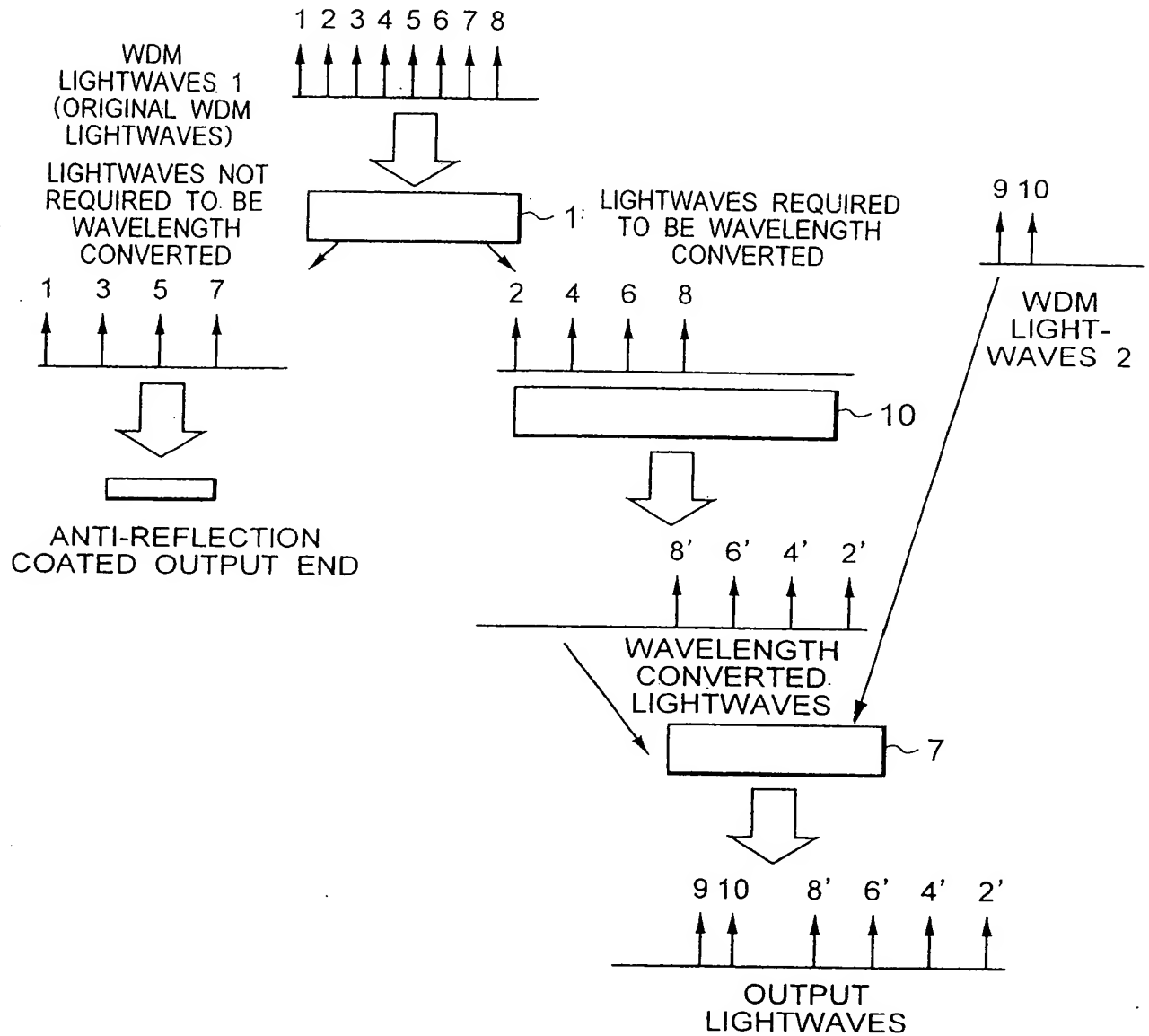


FIG. 5

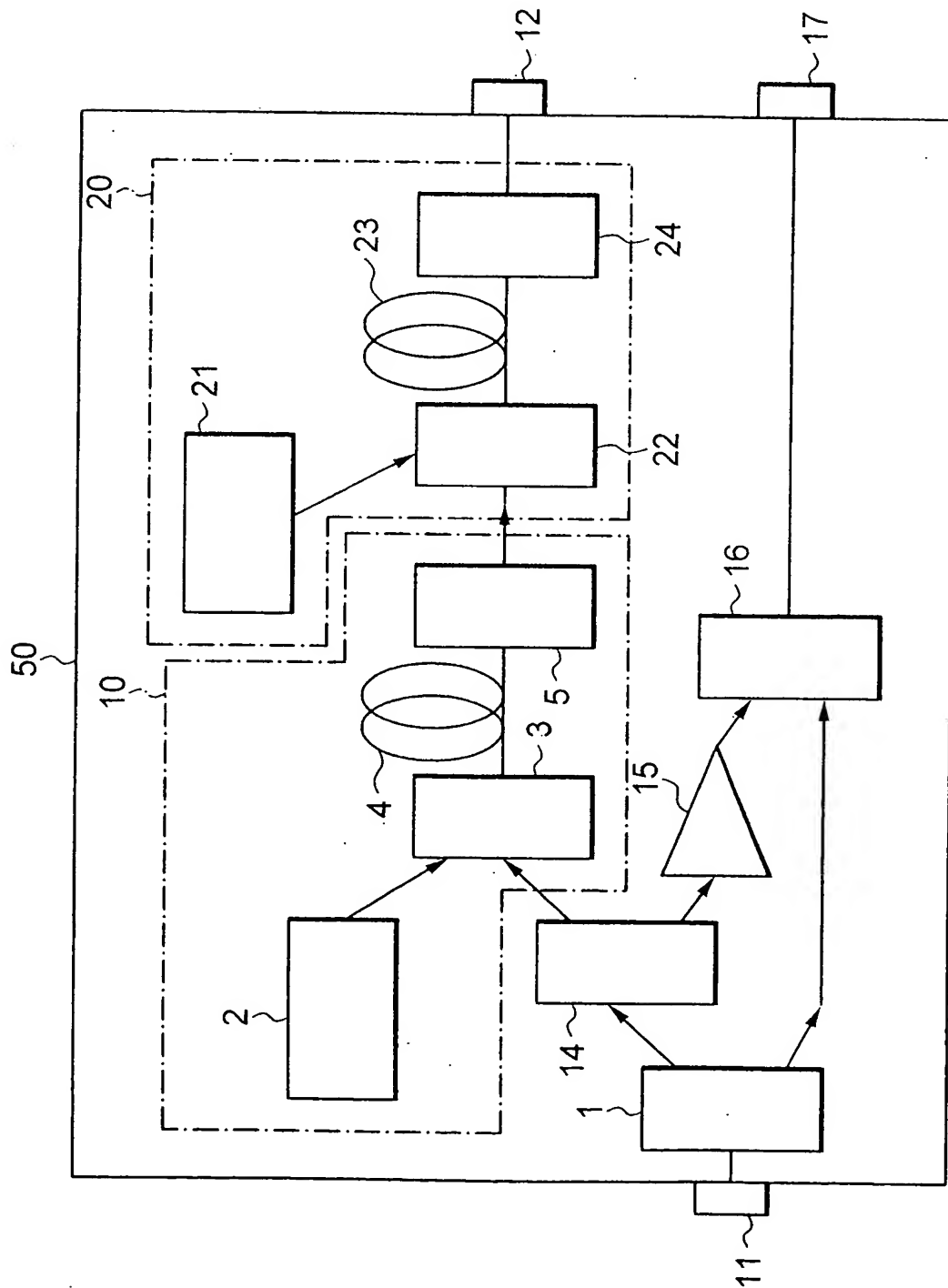


FIG. 6

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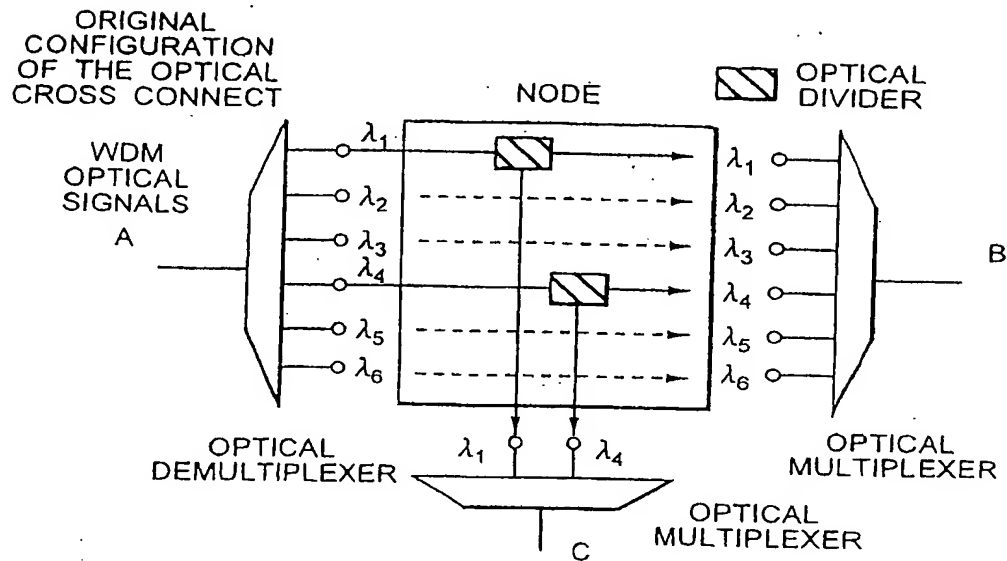


FIG. 7

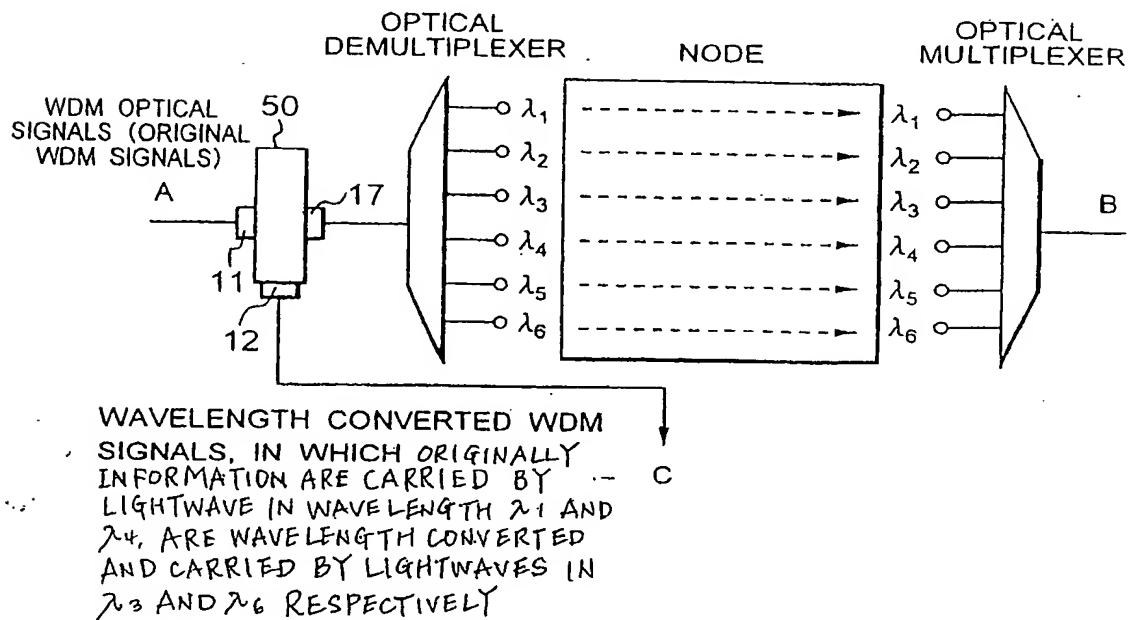


FIG. 8

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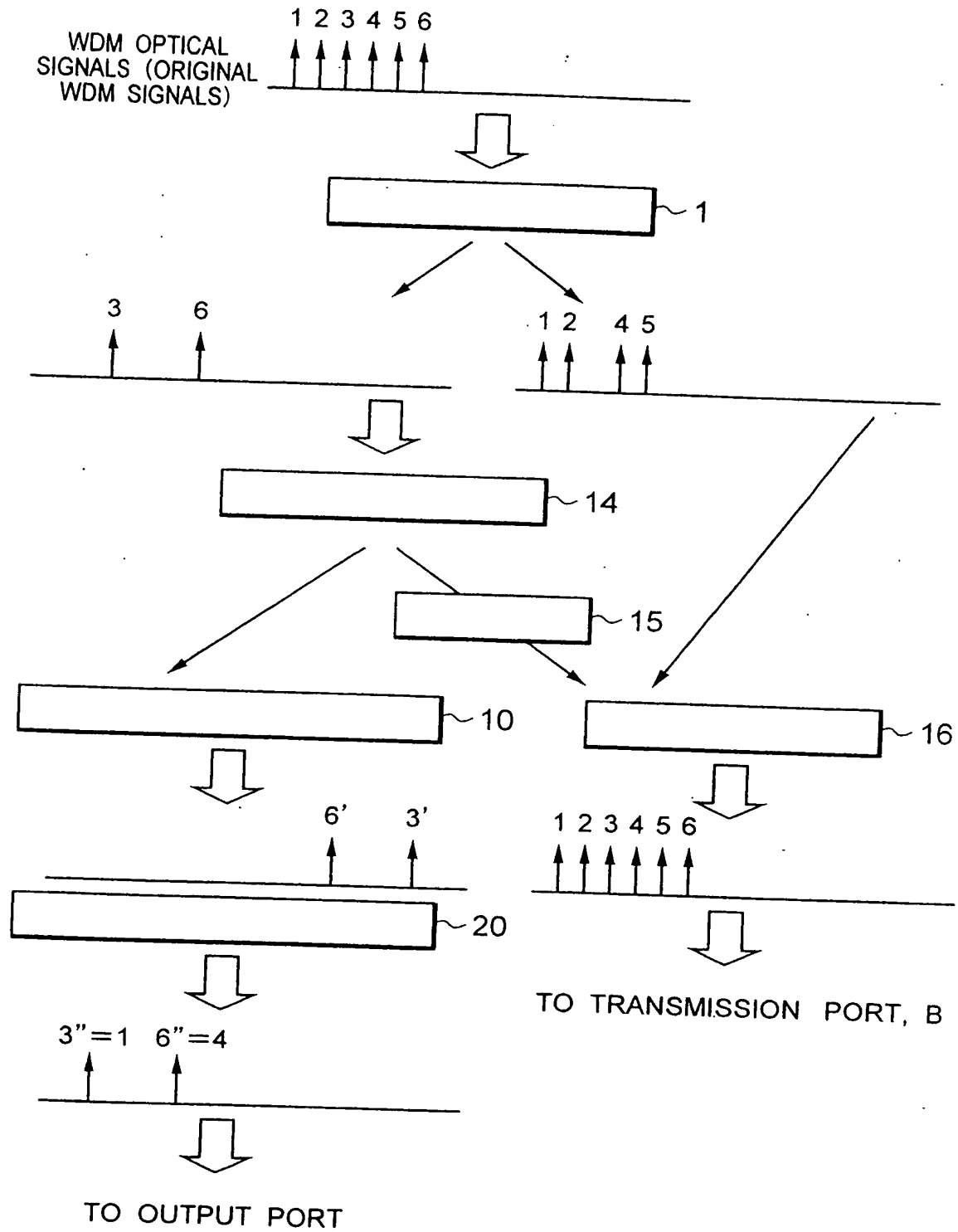


FIG. 9

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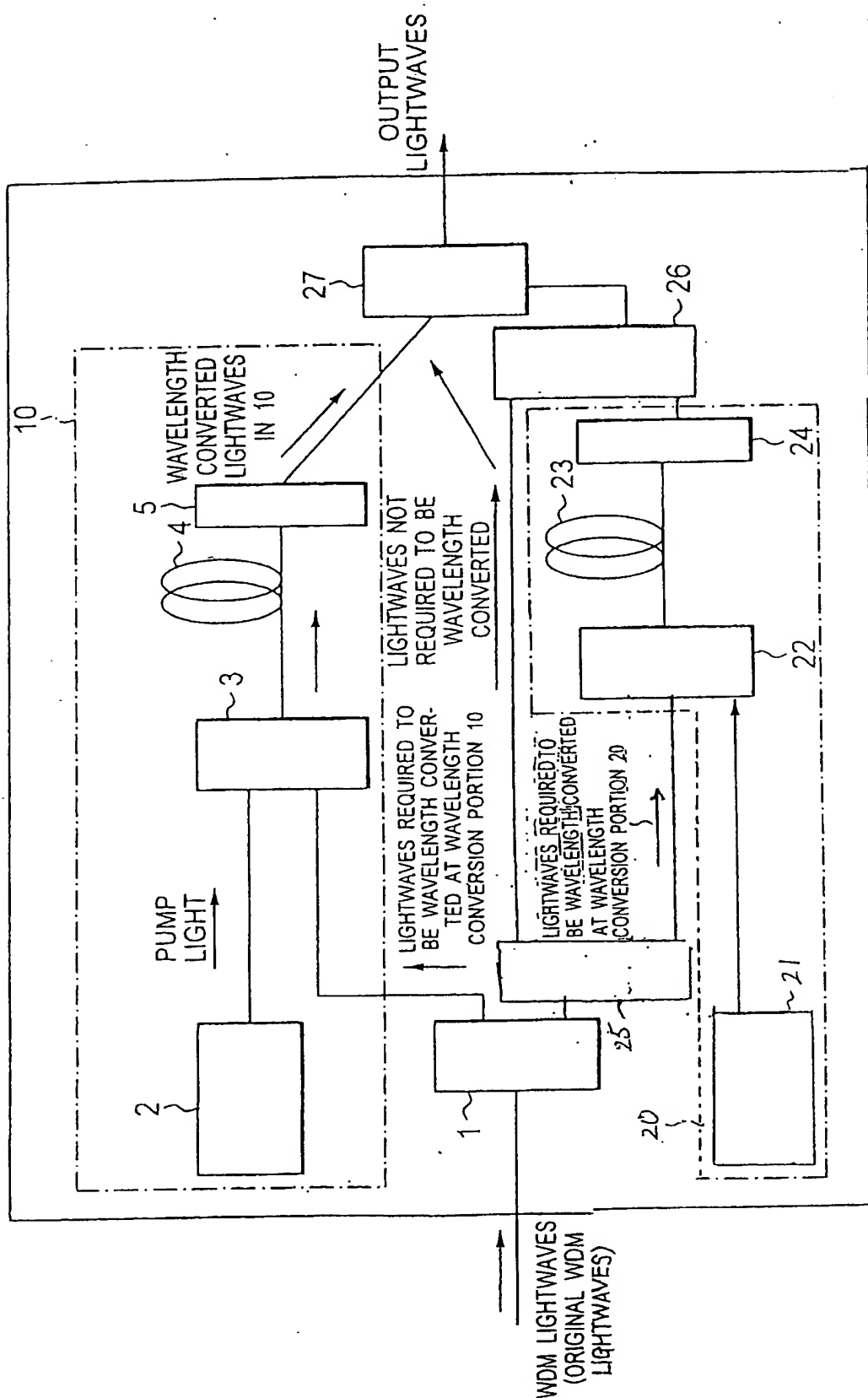


FIG. 10

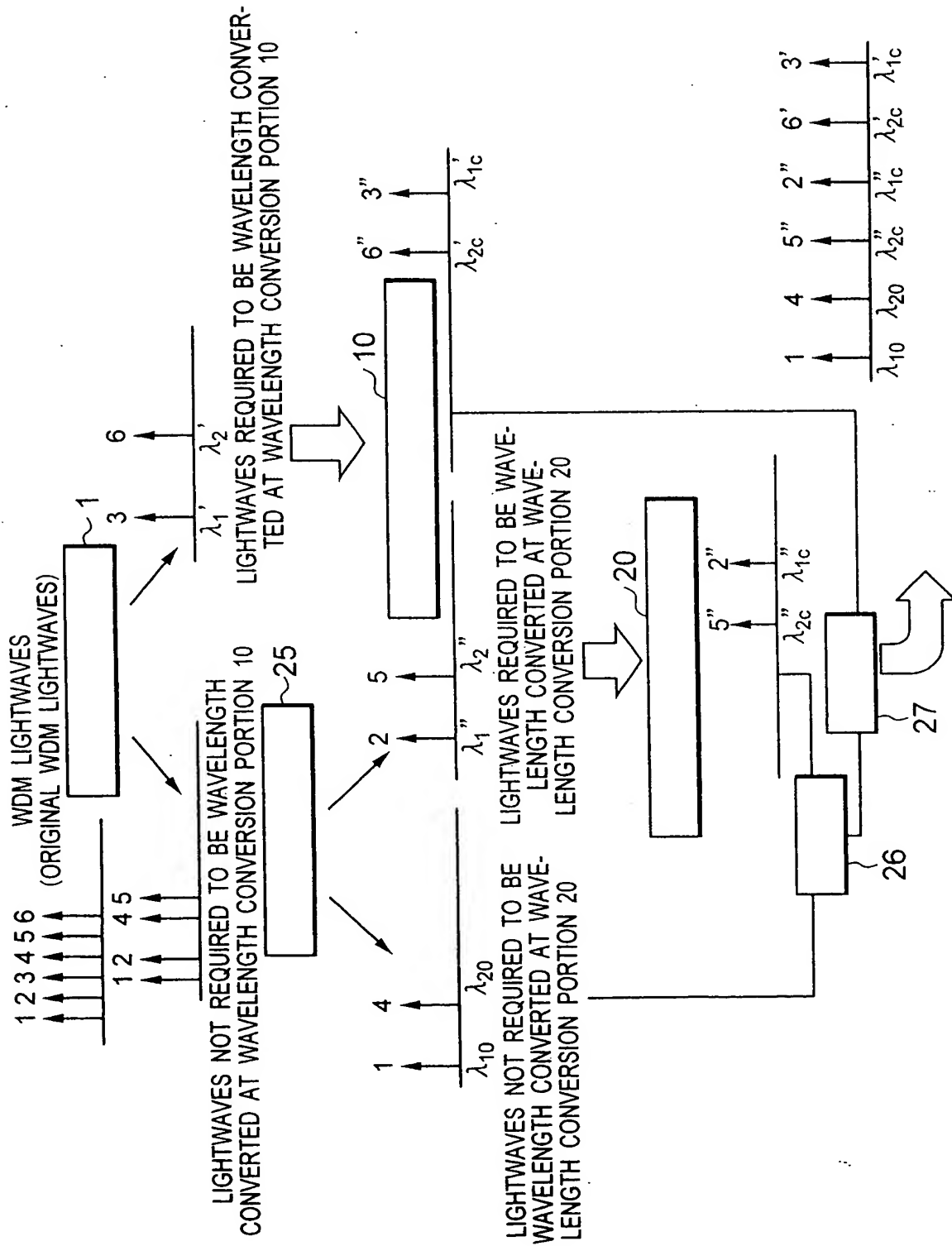


FIG. 11

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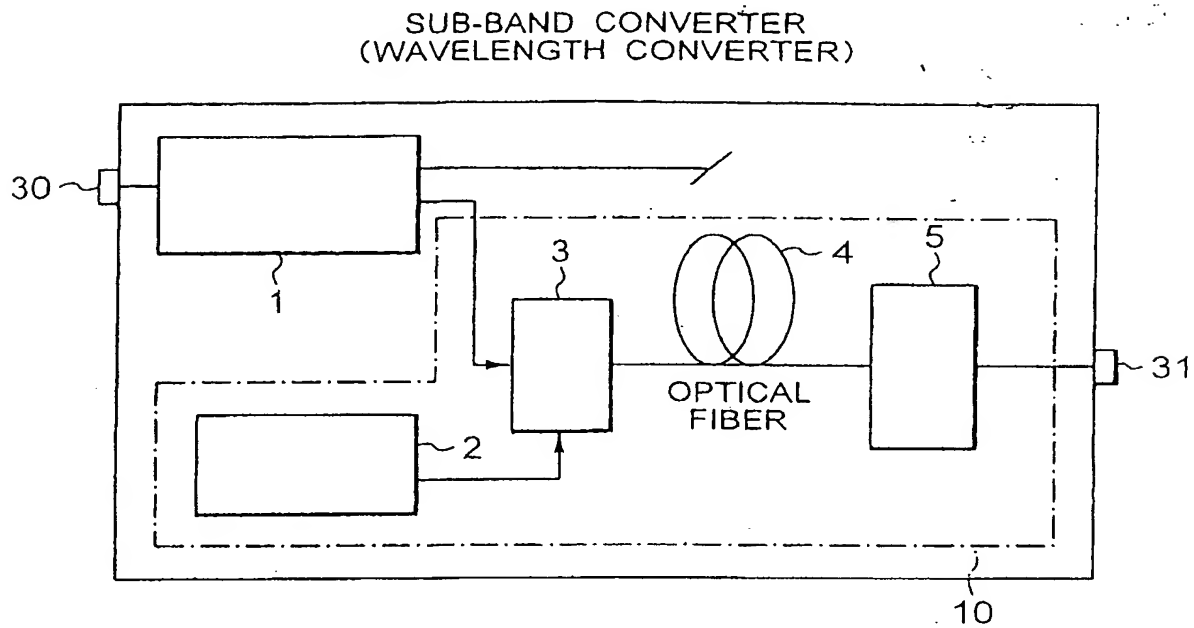


FIG. 12

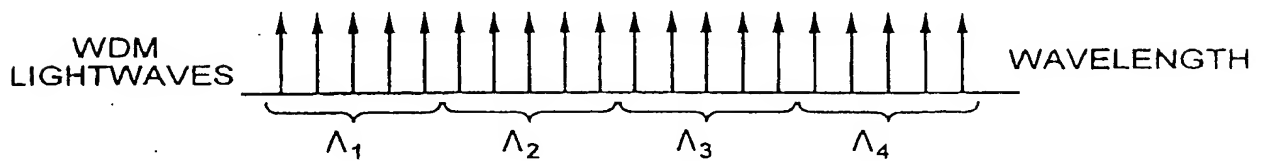


FIG. 13

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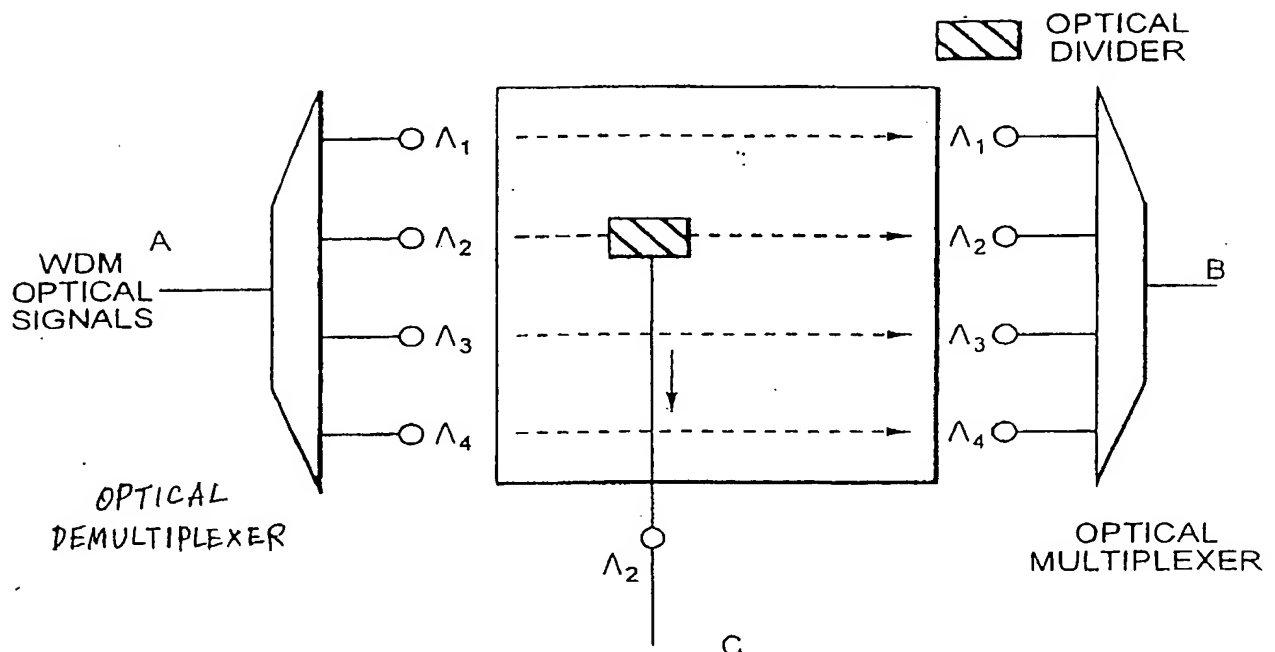


FIG. 14

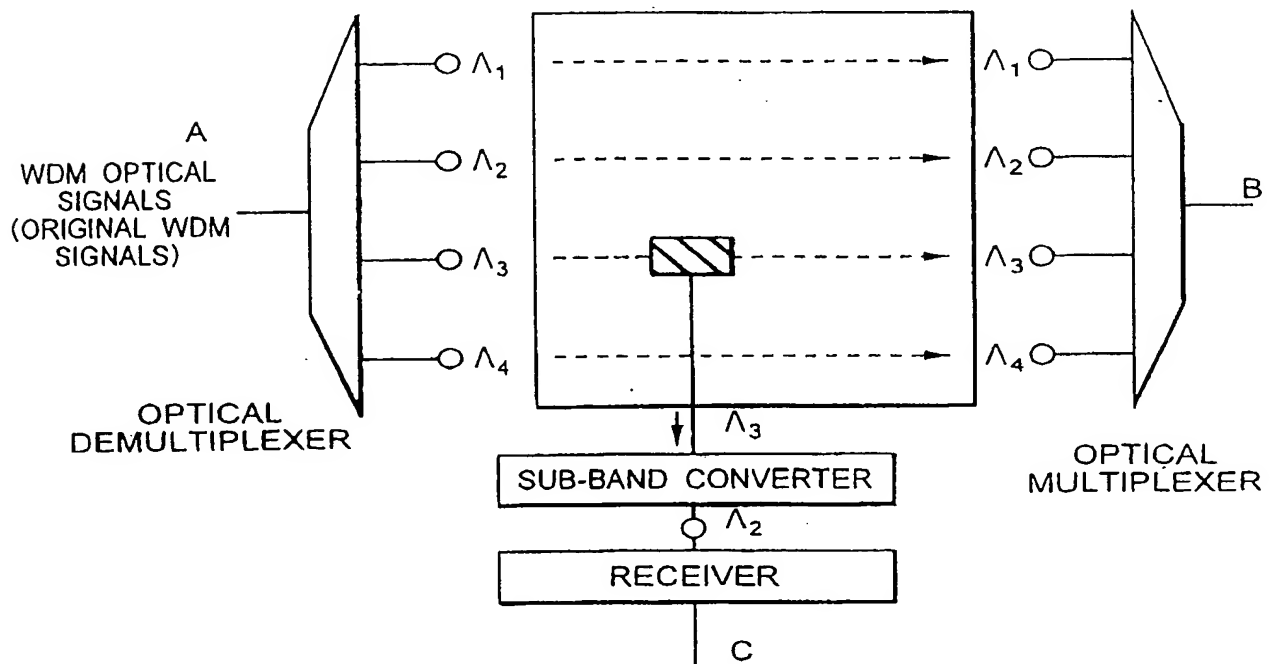


FIG. 15

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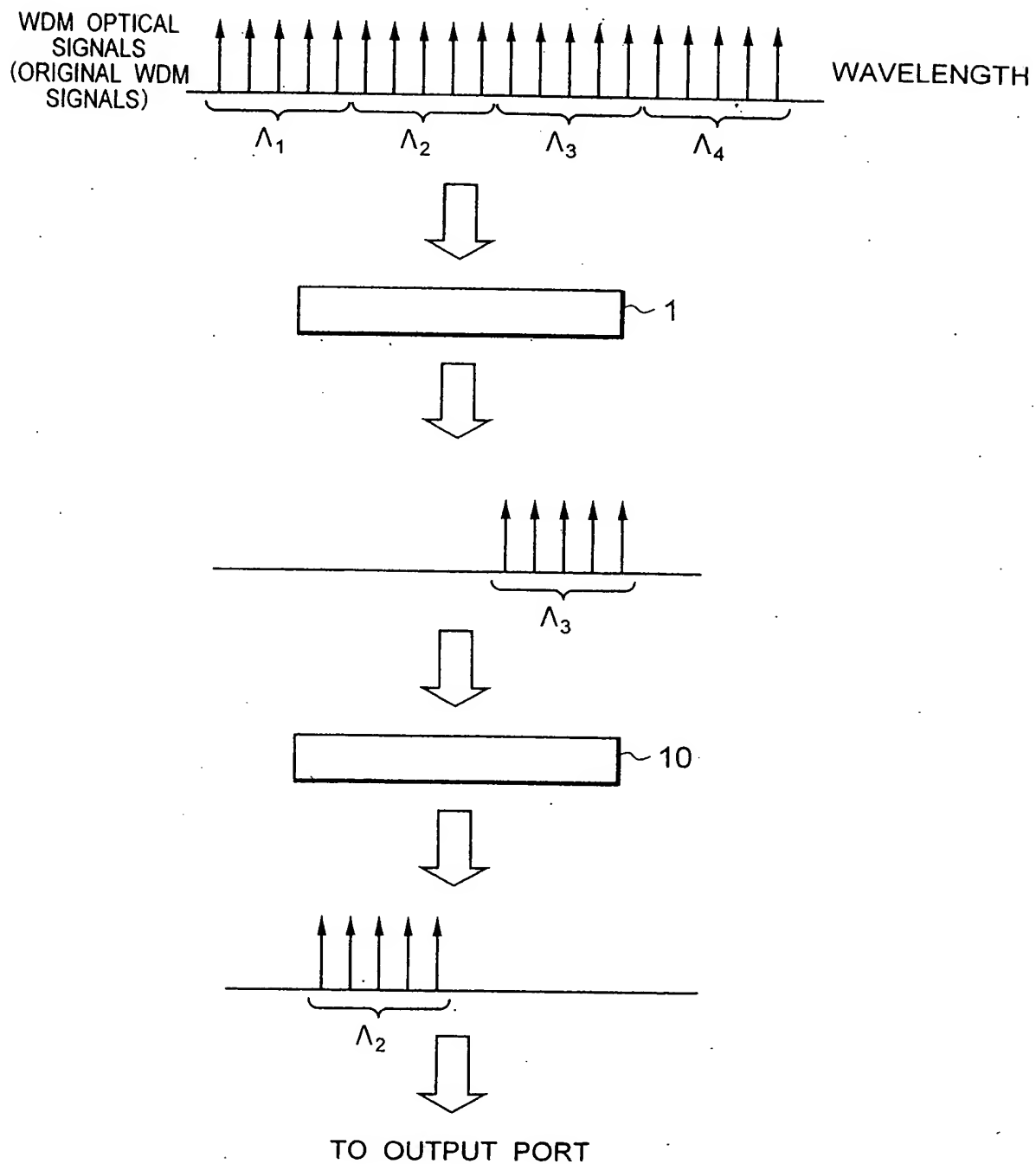


FIG. 16

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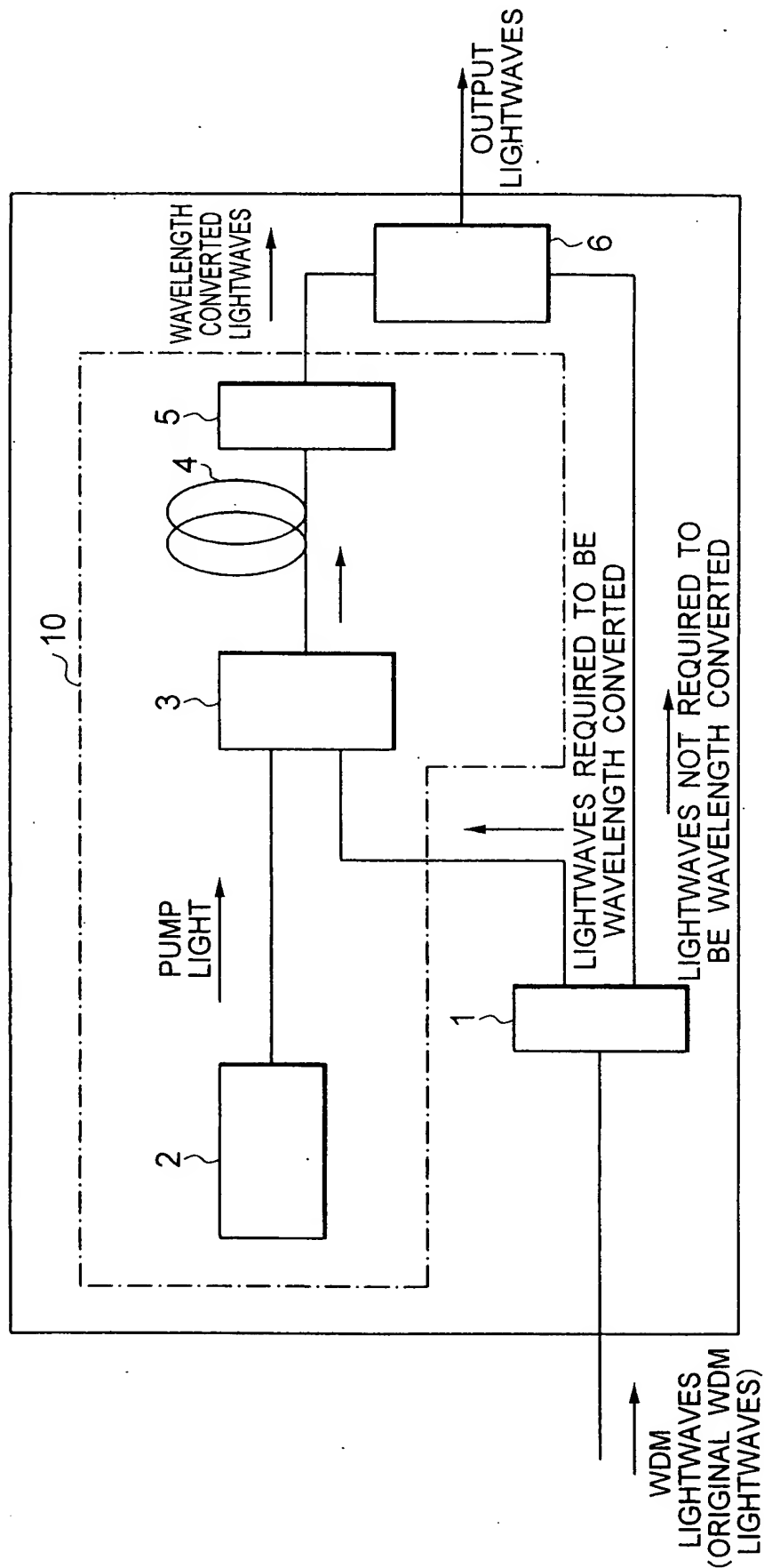


FIG. 17

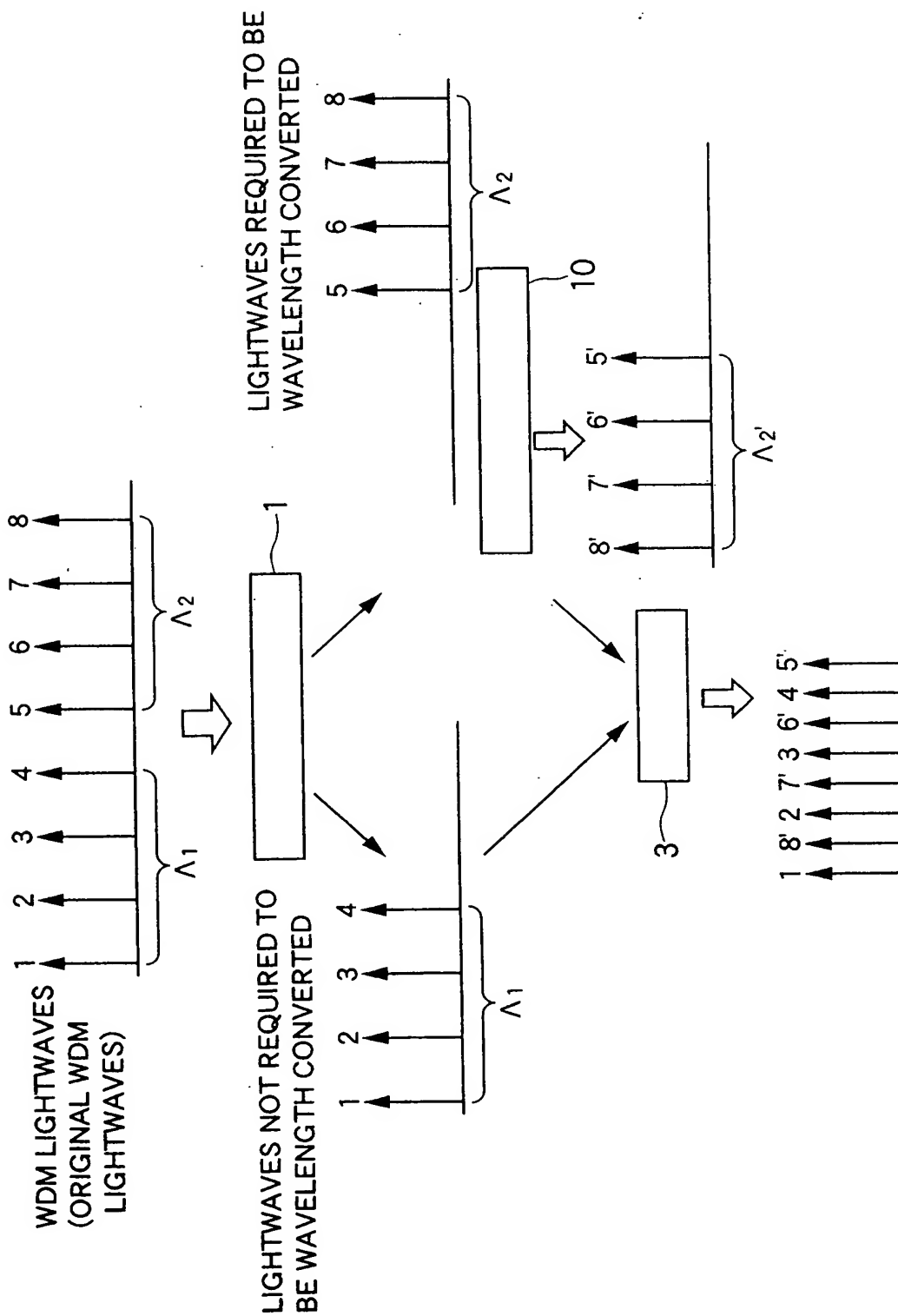


FIG. 18

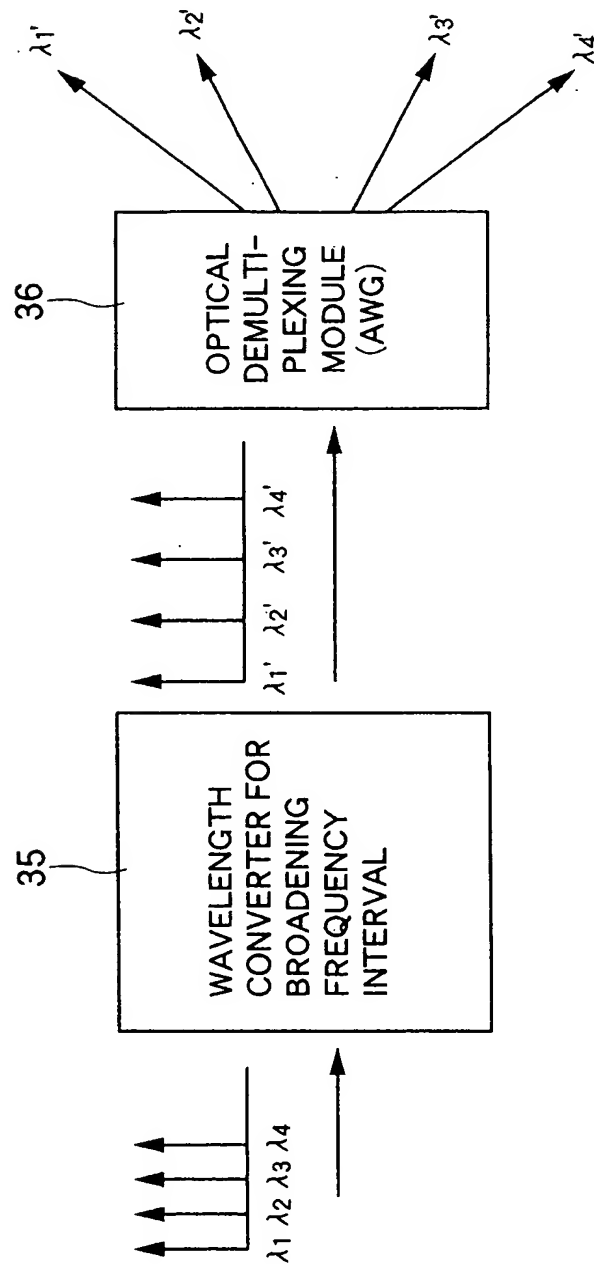


FIG. 19

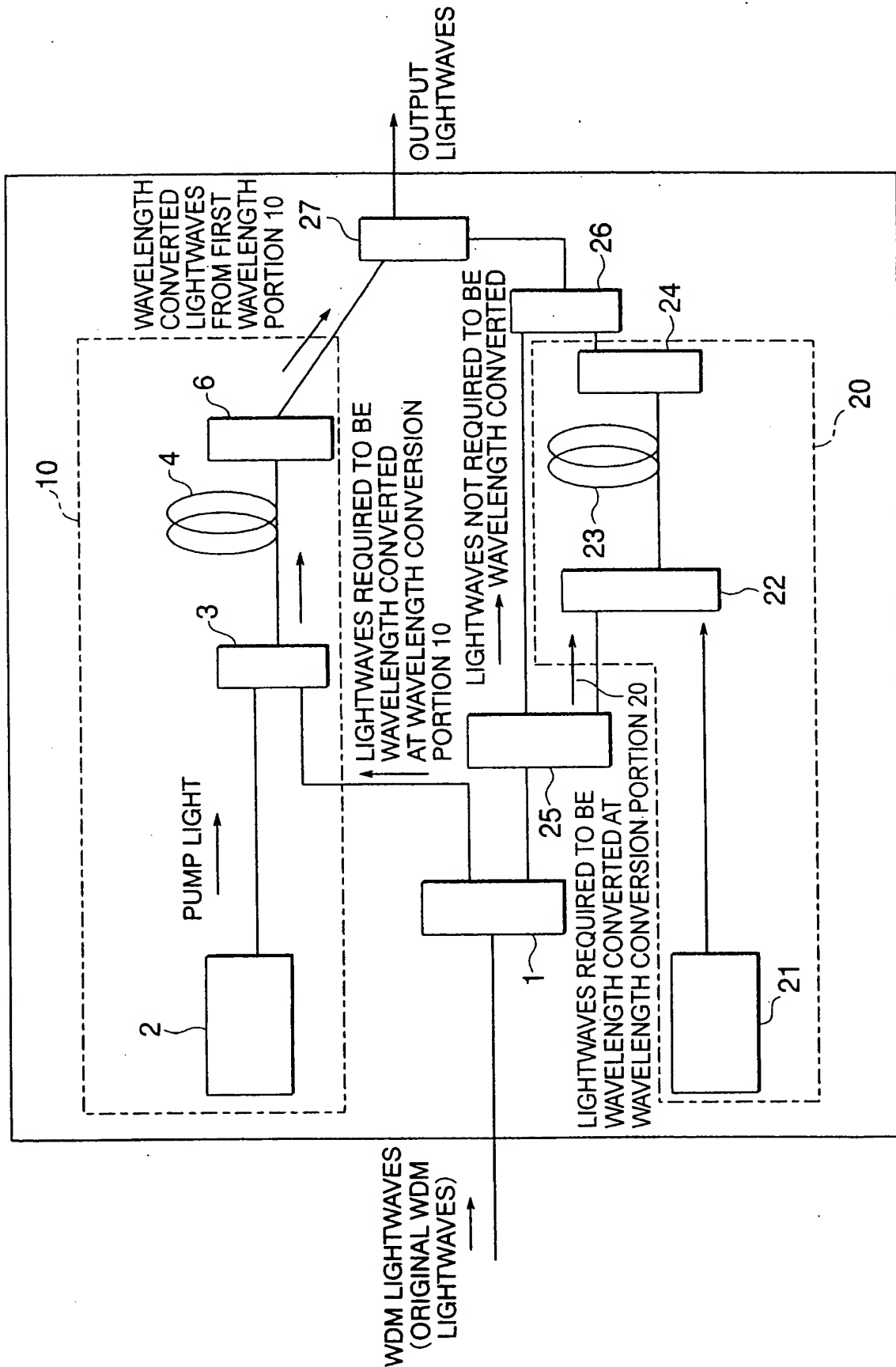


FIG. 20

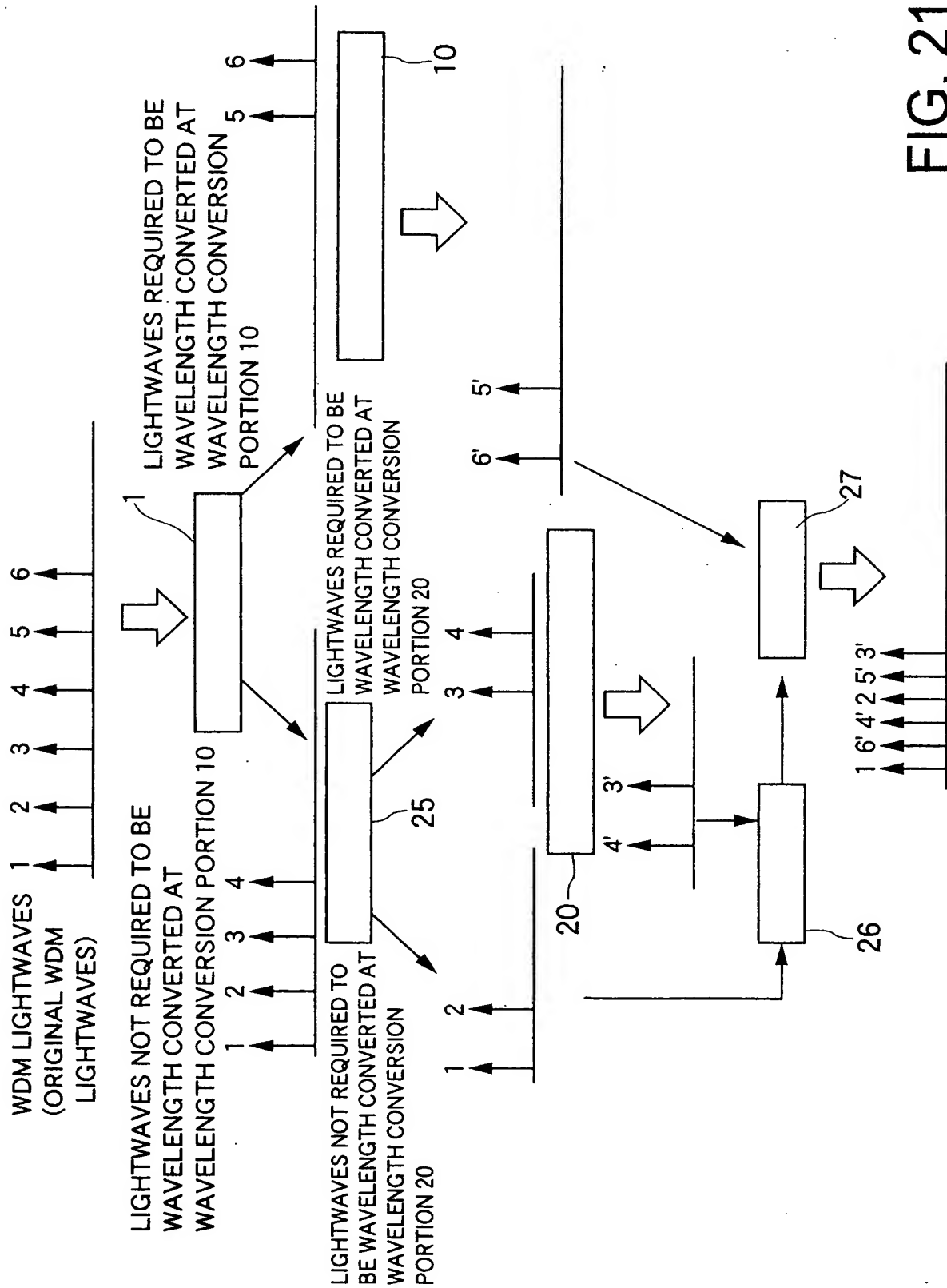


FIG. 21

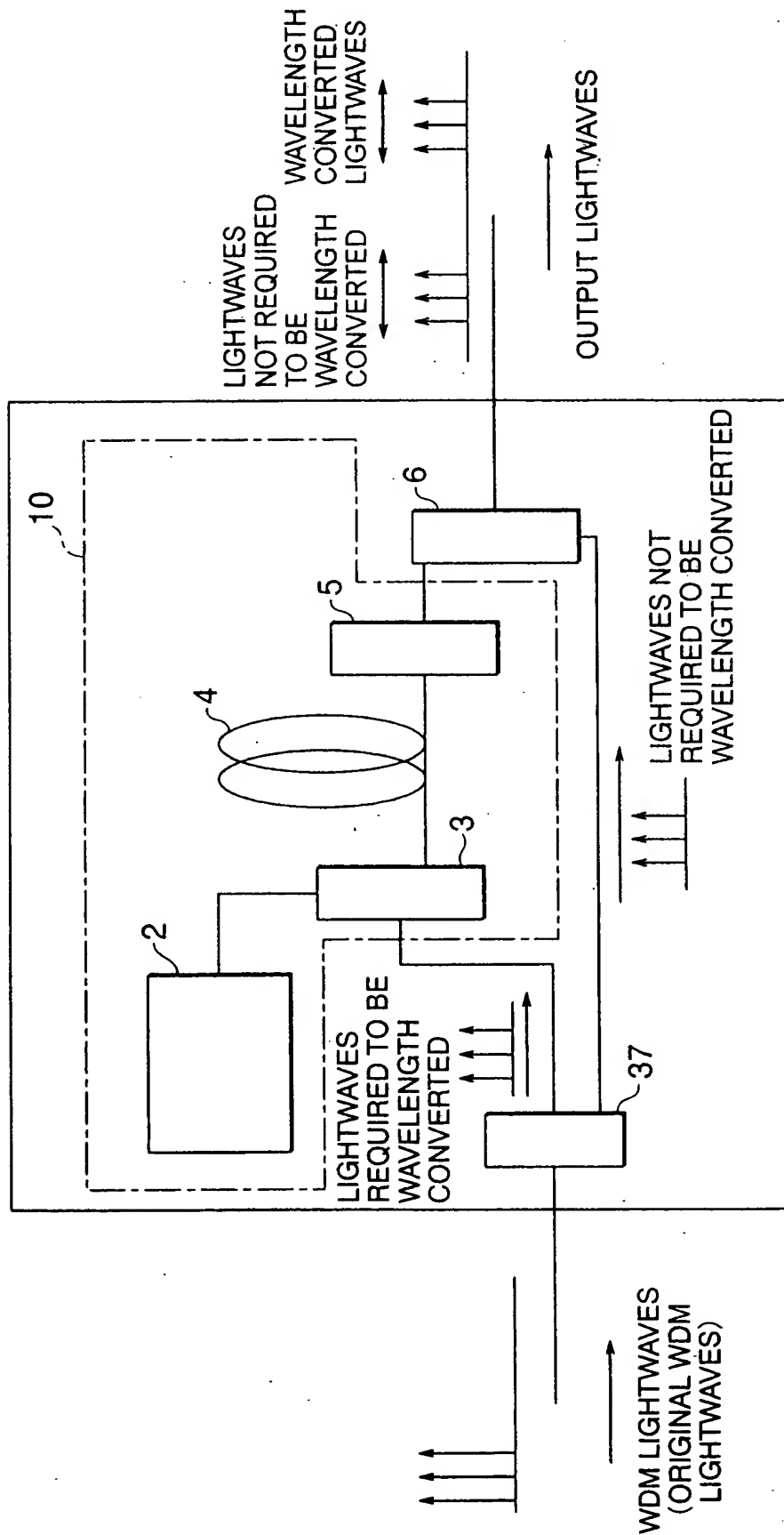


FIG. 22

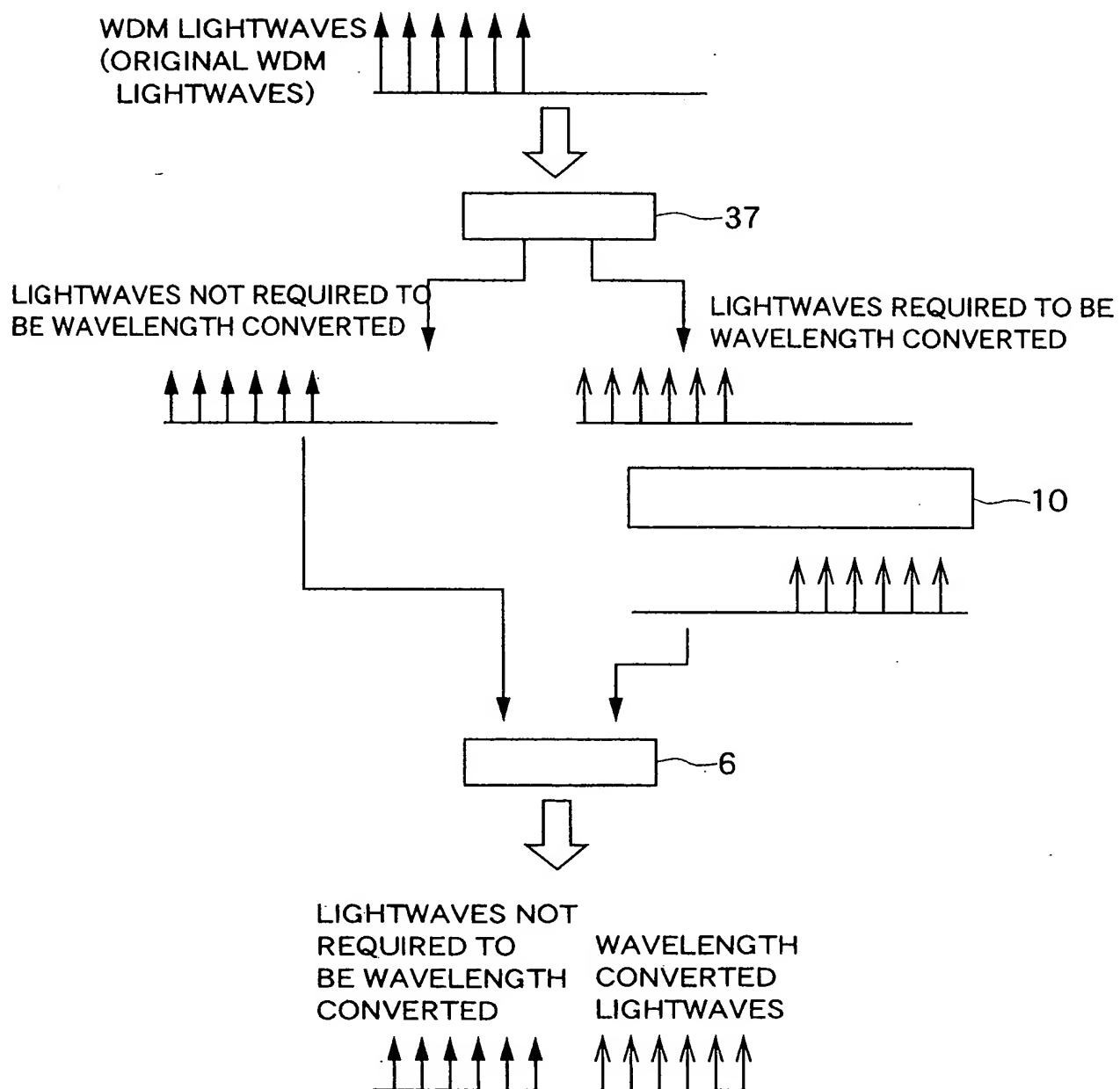


FIG. 23

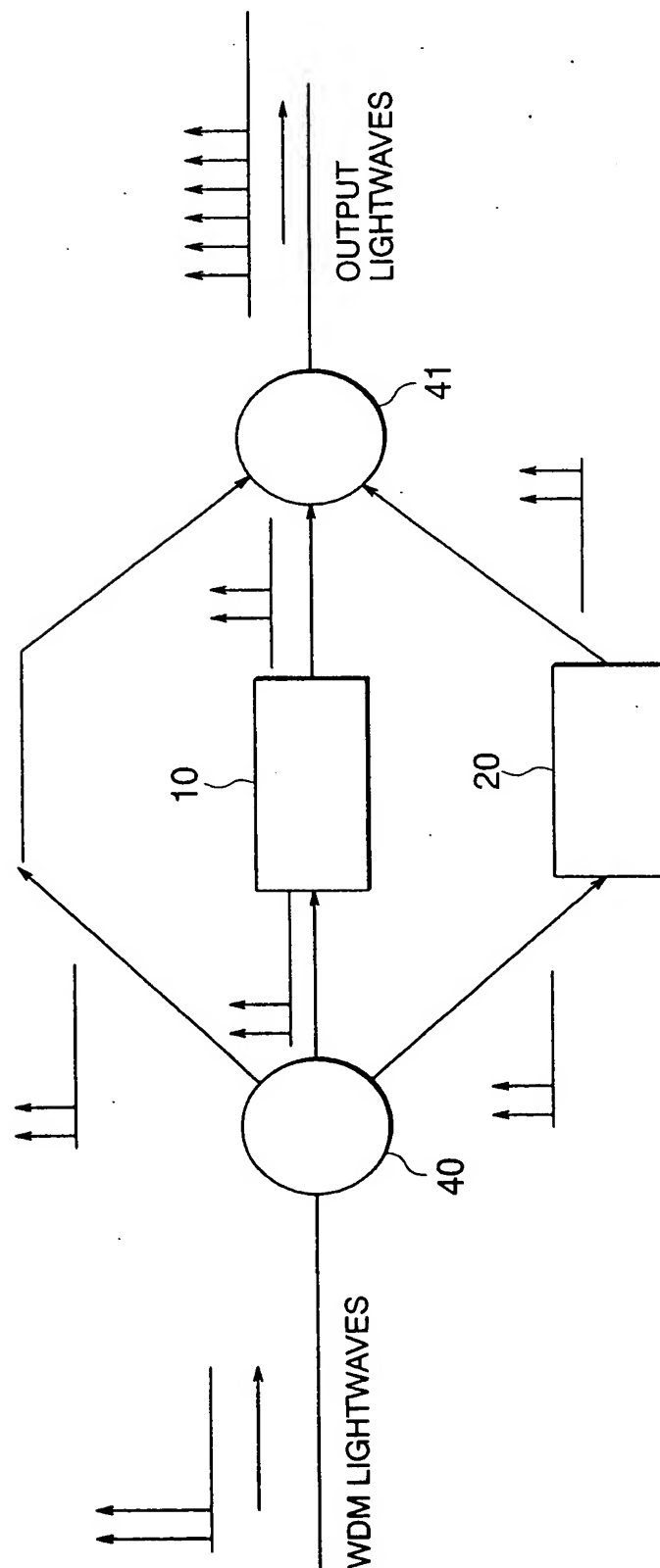


FIG. 24

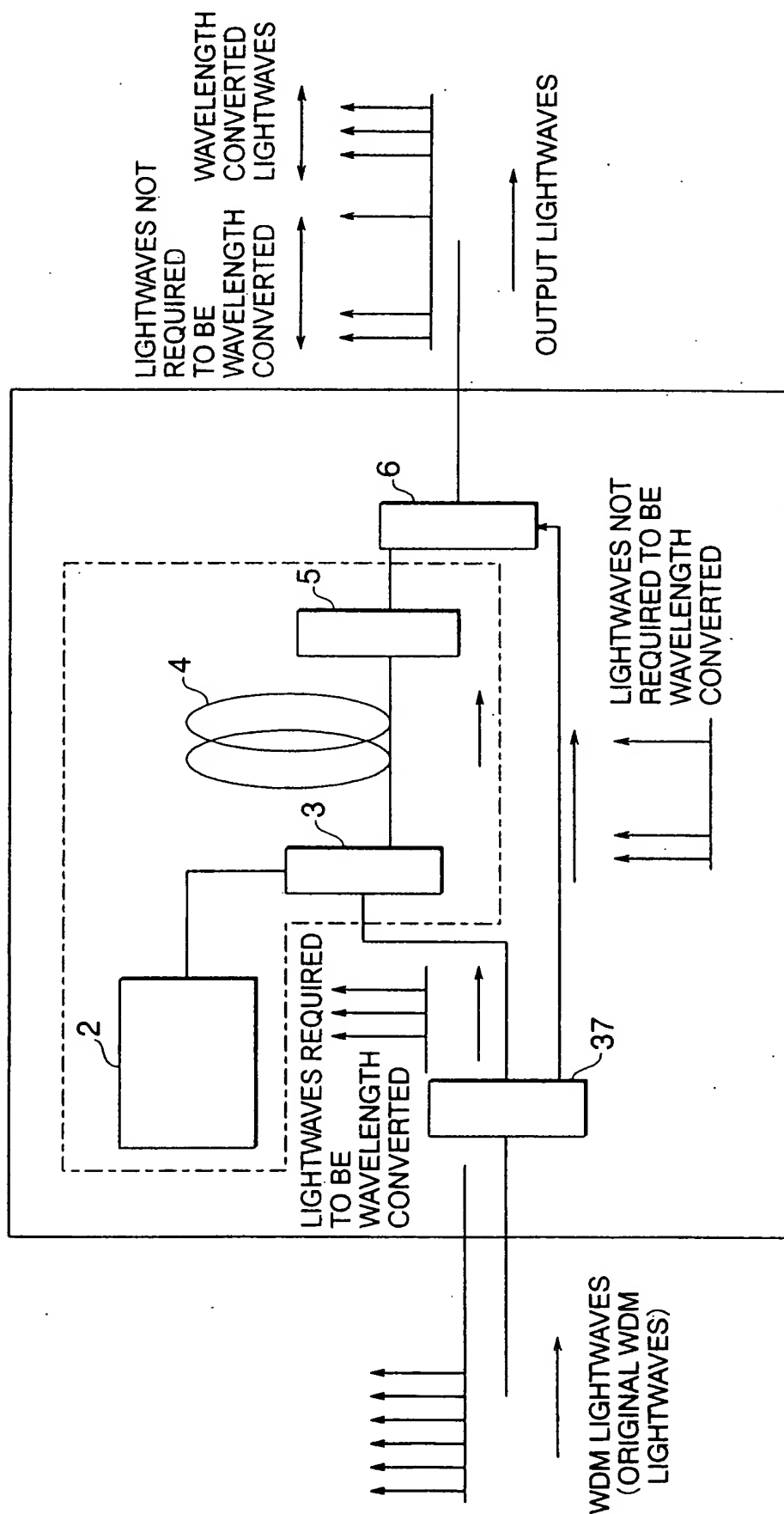


FIG. 25

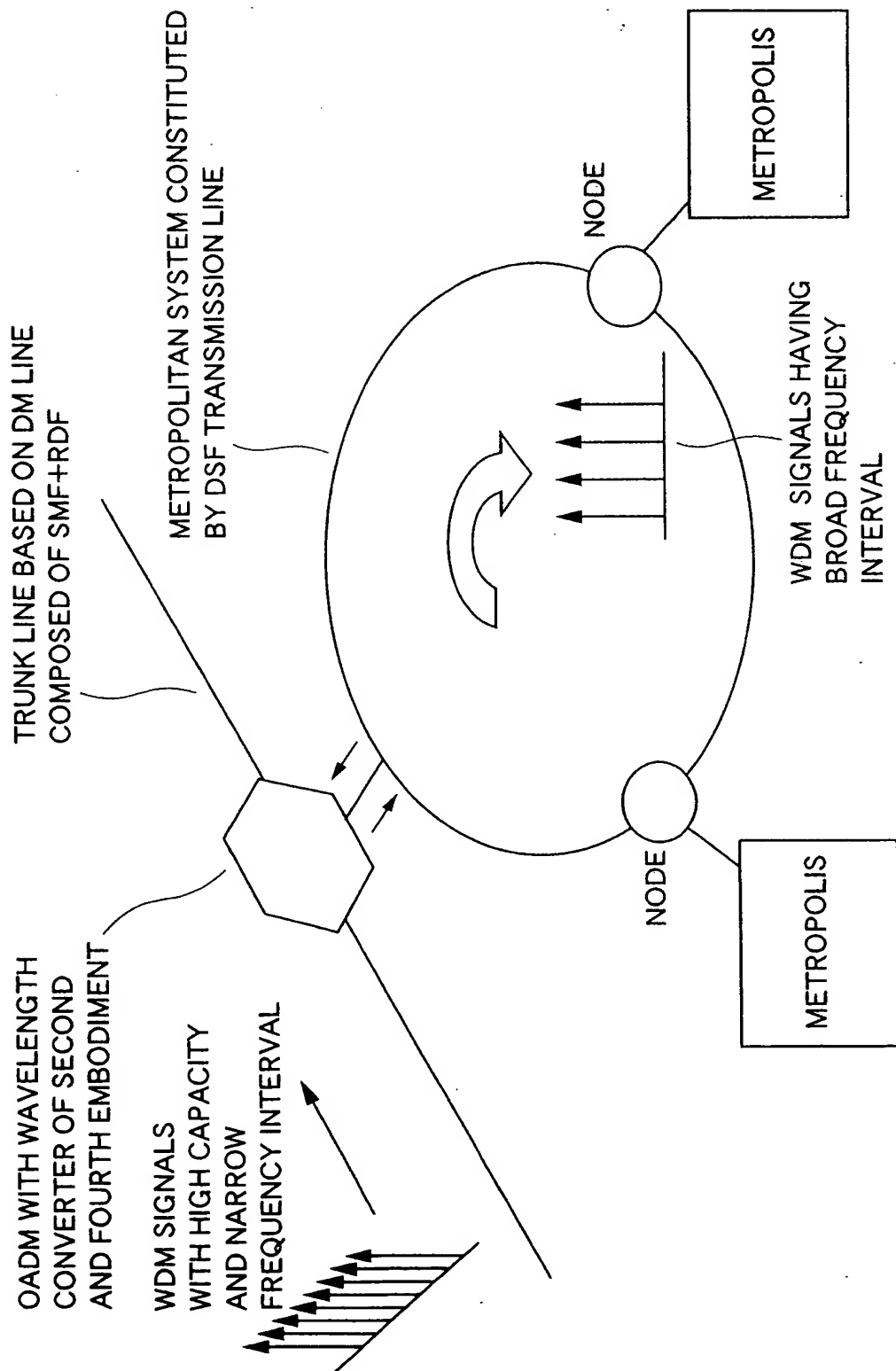


FIG. 26

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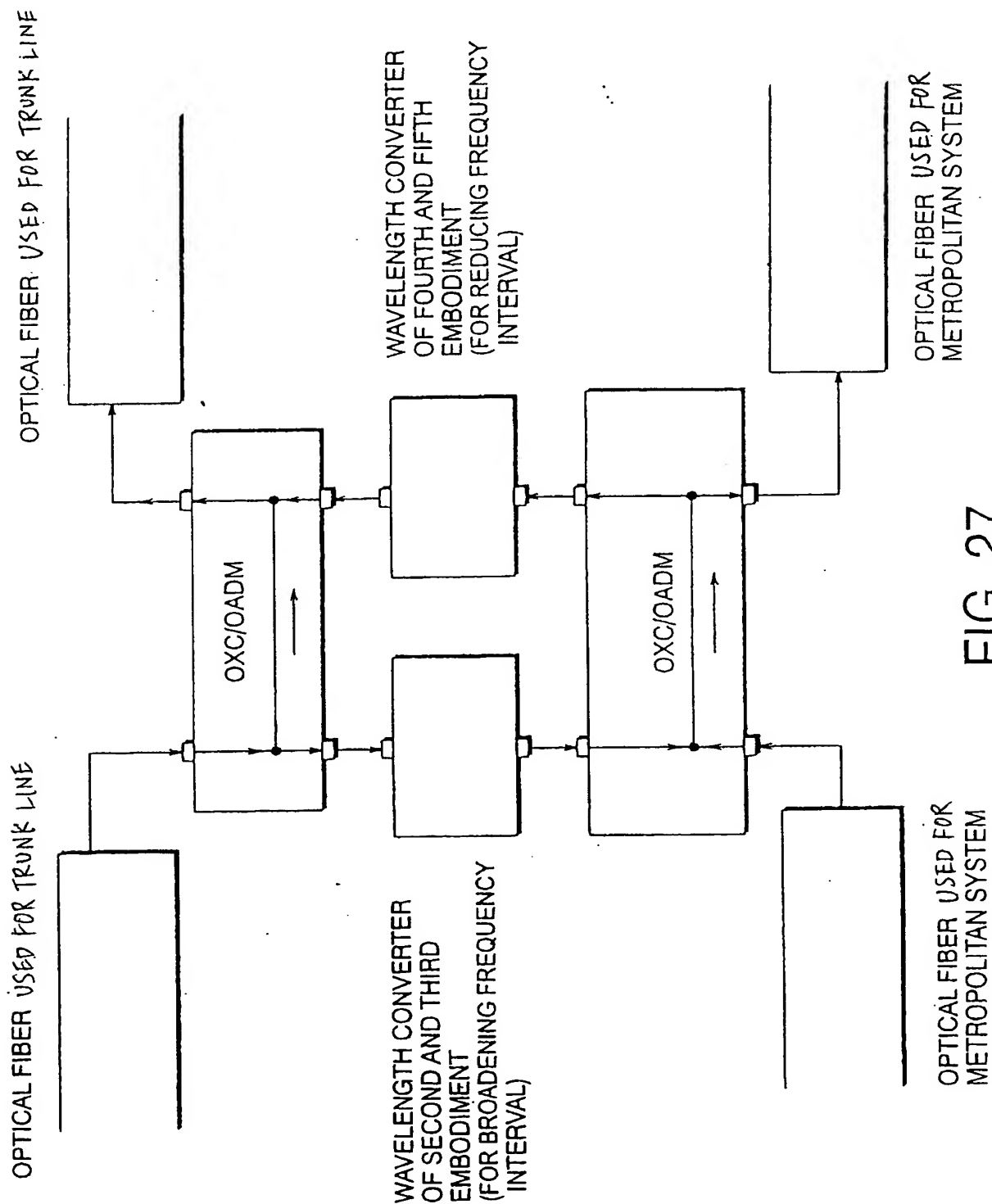


FIG. 27

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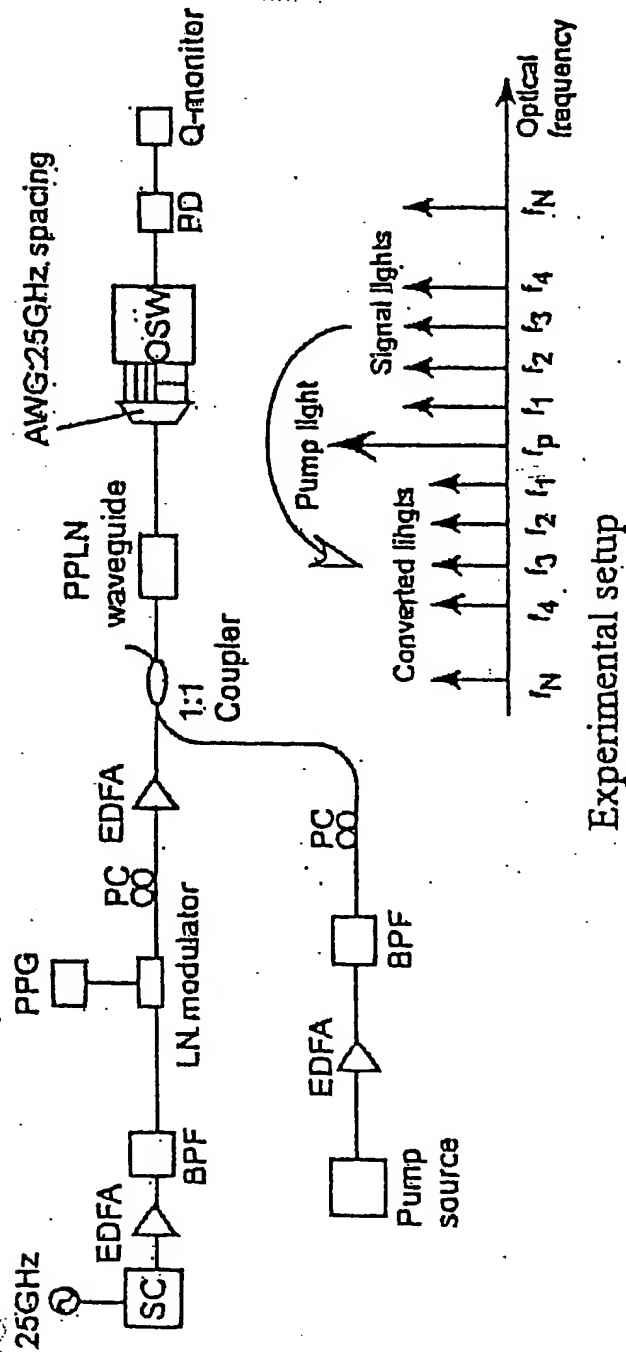


FIG.28

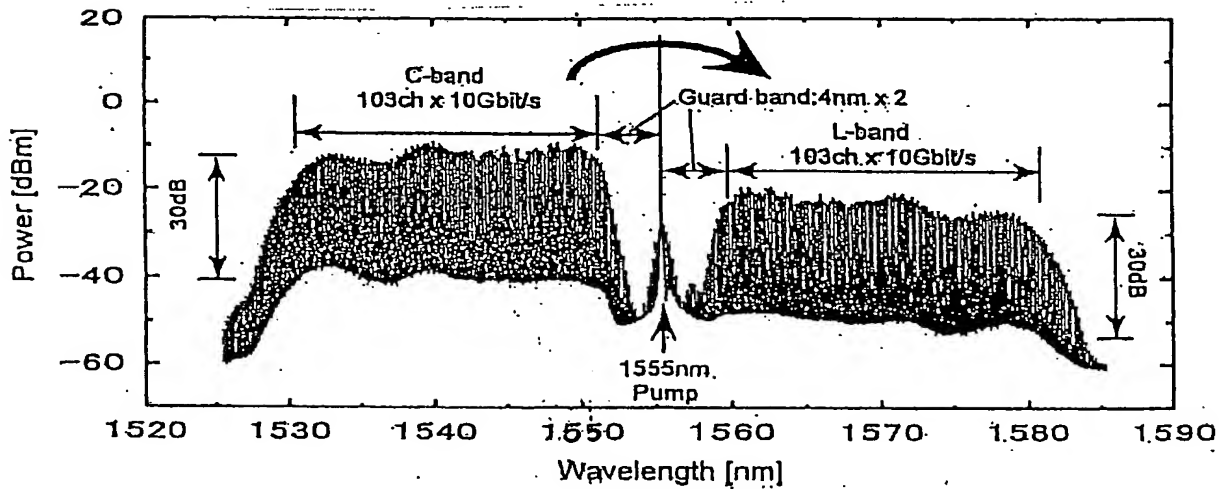


FIG.29 PPLN output spectrum

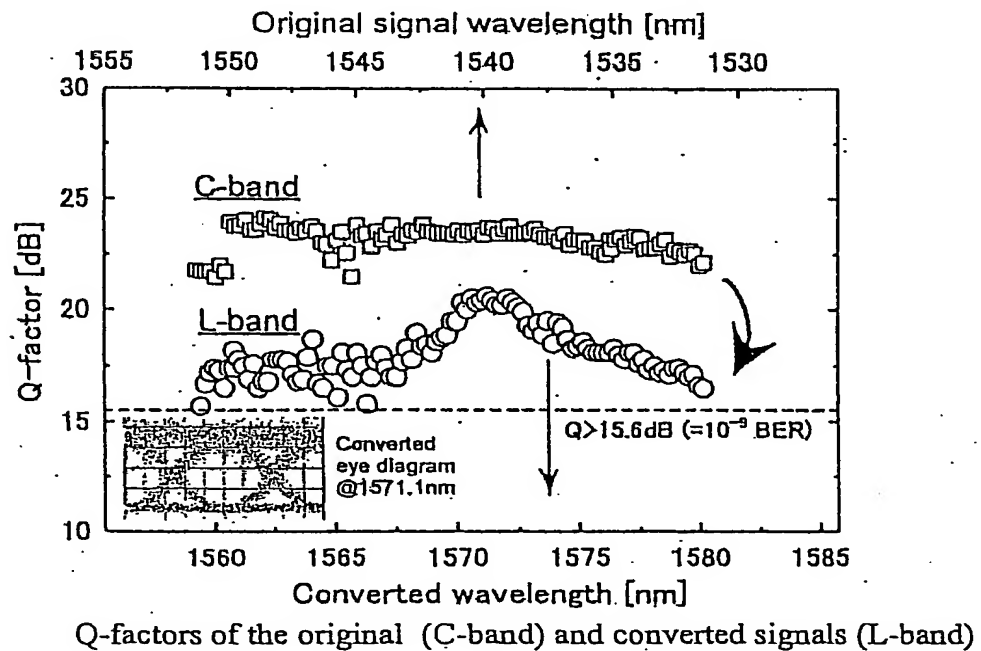


FIG.30